

**LOCAL GROUNDWATER ASSISTANCE GRANT PROGRAM  
APPLICATION**

**ATTACHMENT 9**

**PAST PERFORMANCE**



**UPPER DISTRICT GROUNDWATER REPLENISHMENT MODEL**

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## **Attachment 9      Past Performance**

Upper San Gabriel Valley Municipal Water District (Upper District) has successfully completed numerous projects with State and Federal funds. The following is a brief summary of a few recent projects:

### **Industry Phase IIB – Package 1B**

Upper District received approximately \$765,000 in grant funds from the United States Bureau of Reclamation (USBR) and approximately \$342,000 in grant funds from the State Water Resources Control Board (SWRCB) to construct a 2 million gallon (MG) reservoir to deliver recycled water to BKK Landfill, parks, schools, greenbelts/medians, and local businesses. The project was completed in 2011 and is expected to serve over 1,200 acre-feet per year (AFY) of recycled water. Upper District completed construction of the project approximately \$1.4M under budget. A copy of a quarterly report to the SWRCB is provided in the following pages.

### **Industry Phase IIB – Package 2**

Upper District received approximately \$874,000 in grant funds from the USBR and approximately \$414,000 in grant funds from the SWRCB to construct approximately 2.8 miles of recycled water pipeline to deliver recycled water to a golf course, schools and greenbelts/medians. The project was completed in 2011 and is expected to serve approximately 360 AFY of recycled water. Upper District completed construction of the project approximately \$2.1M under budget. The contractor completed the project on schedule. A copy of a quarterly report to the SWRCB is provided in the following pages.

### **San Gabriel Watershed Non-Point Source (NPS) Pollution Reduction Program**

Upper District's San Gabriel Watershed NPS Pollution Reduction Program addressed problems within the San Gabriel Watershed including 1) excessive loadings of trash, nutrient and coliform, and 2) risk of sewage runoff from antiquated septic systems and portable lavatories.

On June 16, 2004 the SWRCB, Regional Water Quality Control Board (RWCQB), and Upper District entered into Agreement Number 03-230-554-0 for the San Gabriel Watershed NPS Pollution Reduction Program. Under the Agreement, \$205,275 of Proposition 13 funding was provided for the San Gabriel Watershed NPS Pollution Reduction Program. This funding amount was not exceeded and was invoiced to the SWRCB in quarterly invoices that described the costs incurred throughout the project. Upper District completed the project in May 2008 in compliance with the SWRCB approved schedule.

#### 2010 Urban Water Management Plan Update

Upper District prepared its 2010 Urban Water Management Plan (Plan) in accordance with the Urban Water Management Planning Act. The Plan included a description of Upper District's existing and planned sources of water supply and the reliability of those sources during average, single dry, and multiple dry years. The Plan also included a description of existing groundwater management activities. Upper District prepared its Plan within its allocated budget of \$45,000. Upper District submitted its Plan on June 2011 in accordance with the timeframe approved by the California Department of Water Resources. The Plan was prepared without outside funds but is an example of a project completed within a fixed budget and time frame.

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# State Revolving Fund

## Quarterly Report

**4th Quarter 2011  
(October 1, 2011 - December 31, 2011)**

Agreement Number: 09-803-550  
Project Number: C-06-5115-110

Prepared for:



602 East Huntington Drive, Suite B  
Monrovia, California 91016

Prepared by:



861 Village Oaks Drive, Suite 100  
Covina, California 91724

April 17, 2012

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Phase 1 Work is separated into three (3) bid packages: Package 1A, Package 1B, and Package 1C. Package 1A consists of the construction of the new pipeline; Package 1B includes the construction of the 2 Million-Gallon Zone 730 Reservoir; Package 1C includes connection of the Package 1A pipeline with the existing Industry 24-inch pipeline.

## Section 1 - Summary of Progress to Date

Phase 1, Package 1A	
City of Industry Recycled Water Project Zone 730 Recycled Water Line	
Progress since Last Report:	<p>The Project was awarded to <b>J. Fletcher Creamer &amp; Son, Inc.</b> on <b>March 12, 2010</b>. <b>Notice to Proceed</b> was issued on <b>April 5, 2010</b>.</p> <p>Work Completed includes:</p> <ul style="list-style-type: none"> <li>▶ Construction by J. Fletcher Creamer &amp; Son, Inc. was completed on February 18, 2011.</li> <li>▶ Paleontologist continued, in October and November 2011, to process and prepare specimens for submittal to local museums.</li> </ul>
Percent Construction Complete:	100%
Percent Contractor Invoiced:	100%
Percent Schedule Elapsed:	100%

Phase 1, Package 1B	
City of Industry Recycled Water Project Zone 730 Welded Steel Recycled Reservoir	
Progress since Last Report:	<p>The Project was awarded to <b>Pacific Tank &amp; Construction, Inc.</b> on <b>July 28, 2010</b>. <b>Notice to Proceed</b> issued on <b>October 25, 2010</b>. Substantial Completion Date was on <b>November 28, 2011</b>.</p> <p>Work Completed includes:</p> <ul style="list-style-type: none"> <li>▶ Maintaining Best Management Practices</li> <li>▶ Irrigation installation</li> <li>▶ Landscape installation</li> <li>▶ Miscellaneous concrete work</li> <li>▶ Miscellaneous painting</li> <li>▶ Grading for the side 12-foot side access road</li> <li>▶ Curb repair in various areas along access road</li> <li>▶ Compaction testing</li> <li>▶ Address miscellaneous Punch List items</li> <li>▶ Export spoil and excess dirt from Project site</li> <li>▶ Paving of side 12-foot access road</li> <li>▶ Paving of Myra Court and Nogales Street</li> <li>▶ Final walk-through meetings with City of West Covina and Suburban Water Systems.</li> <li>▶ Site cleanup</li> <li>▶ Security fence installation around BKK piping/meter</li> <li>▶ As-built documentation update</li> <li>▶ Paleontologist conducts final laboratory processing, specimen treatment and preparation of final report.</li> <li>▶ Project closeout</li> </ul>
Percent Construction Complete:	100%
Percent Contractor Invoiced:	100%
Percent Schedule Elapsed:	179% (See Section 3 - Problems Encountered)

## Section 1 (Continued) - Summary of Progress to Date

<b>Phase 1, Package 1C</b> <b>City of Industry Recycled Water Project Zone 730 Recycled Water Connection</b>	
Progress since Last Report:	<p>Recommended contractor, <b>T.E. Roberts Inc., approved by USGVMWD Board on December 20, 2012.</b> Notice to Proceed not issued during this Quarter.</p> <p>Work Completed includes:</p> <ul style="list-style-type: none"> <li>▶ Bid Phase Process</li> <li>▶ Agreement issued to T.E. Roberts, Inc., for signature, on December 28, 2012.</li> </ul>
Percent Construction Complete:	Construction for this project has not been initiated.
Percent Contractor Invoiced:	No invoices received because construction for this project has not been initiated.
Percent Schedule Elapsed:	Construction for this project has not been initiated.

## Section 2 - Listing of Change Orders

<b>Phase 1, Package 1A</b> <b>City of Industry Recycled Water Project Zone 730 Recycled Water Line</b>	
Change Order No.:	No change orders received because construction for this project is complete.
Change Order Amount:	No change orders received because construction for this project is complete.
Description of Work:	No change orders received because construction for this project is complete.
Change in Contract Amount:	No change in contract amount because construction for this project is complete.
Change in Schedule:	No change in contract schedule because construction for this project is complete.

<b>Phase 1, Package 1B</b> <b>City of Industry Recycled Water Project Zone 730 Welded Steel Recycled Reservoir</b>	
Change Order No.:	5
Change Order Amount:	\$15,228.49
Description of Work:	<p>Work included in Change Order No. 5:</p> <ul style="list-style-type: none"> <li>▶ Punch List Items</li> <li>▶ Miscellaneous Changes</li> <li>▶ Swing Gate Installation</li> </ul>
Revised Contract Amount:	Revised Contract Amount to be determined - Change Order 5 not approved during 4th Quarter 2011.
Change in Schedule:	Change in Schedule to be determined - Change Order 5 not approved during 4th Quarter 2011.

## Section 2 (Continued) - Listing of Change Orders

<b>Phase 1, Package 1B</b> <b>City of Industry Recycled Water Project Zone 730 Welded Steel Recycled Reservoir</b>	
Change Order No.:	6
Change Order Amount:	\$189,006.20
Description of Work:	Work included in Change Order No. 6:  ► BKK Connection ► Paving in Myra Court and Nogales Street
Revised Contract Amount:	Revised Contract Amount to be determined - Change Order 6 not approved during 4th Quarter 2011.
Change in Schedule:	Change in Schedule to be determined - Change Order 6 not approved during 4th Quarter 2011.

<b>Phase 1, Package 1C</b> <b>City of Industry Recycled Water Project Zone 730 Recycled Water Connection</b>	
Change Order No.:	No change orders received because construction for this project has not been initiated.
Change Order Amount:	No change orders received because construction for this project has not been initiated.
Description of Work:	No change orders received because construction for this project has not been initiated.
Change in Contract Amount:	No change in contract amount because construction for this project has not been initiated.
Change in Schedule:	No change in contract schedule because construction for this project has not been initiated.

## Section 3 - Problems Encountered

<b>Phase 1, Package 1A</b> <b>City of Industry Recycled Water Project Zone 730 Recycled Water Line</b>	
Problems Encountered:	No problems encountered.
Proposed Resolution:	No resolutions needed.
Schedule for Resolution:	No schedule for resolution needed.
Status of Previous Problem Resolution:	No problems identified.

<b>Phase 1, Package 1B</b> <b>City of Industry Recycled Water Project Zone 730 Welded Steel Recycled Reservoir</b>	
Problems Encountered:	No new problems encountered during this quarter.
Proposed Resolution:	No resolutions needed.
Schedule for Resolution:	No schedule for resolution needed.
Status of Previous Problem Resolution:	N/A for last quarter. The contractor continued with the project to the best of their ability and kept continuous communication with the Project Team.



### Section 3 (Continued) - Problems Encountered

Phase 1, Package 1C City of Industry Recycled Water Project Zone 730 Recycled Water Connection	
Problems Encountered:	No problems encountered.
Proposed Resolution:	No resolutions needed.
Schedule for Resolution:	No schedule for resolution needed.
Status of Previous Problem Resolution:	No problems identified.

### Section 4 - Number of Jobs Created

Number of Jobs Created or Preserved by all Phase 1 Projects (October 1, 2011 - December 31, 2011):	<b>5.97<sup>1</sup></b> full time equivalent <sup>2</sup> jobs created due to the Project.
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<sup>1</sup> Jobs retained included associate level, professional level and senior level engineers who focus on the design of the project. Additional jobs retained include a project manager and project administrator who focus on schedule and financial aspects of the project as well as surveyors and mapping professionals.

<sup>2</sup> Full time equivalent is a measure of the size of employees that takes account of part-time employees. It is calculated by dividing the number of working hours for all employees per week by the standard full-time hours (40 hours).

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# State Revolving Fund

## Quarterly Report

**4th Quarter 2011  
(October 1, 2011 - December 31, 2011)**

Agreement Number: 09-804-550  
Project Number: C-06-5115-120

Prepared for:



602 East Huntington Drive, Suite B  
Monrovia, California 91016

Prepared by:



861 Village Oaks Drive, Suite 100  
Covina, California 91724

April 17, 2012

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## Section 1 - Summary of Progress to Date

Progress since Last Report:	<p>The Project was <b>awarded</b> to <b>Colich &amp; Sons, L.P.</b> on <b>November 1, 2010</b>. <b>Notice to Proceed</b> was issued on <b>January 24, 2011</b>. <b>Contract End Date</b> was <b>August 23, 2011</b>.</p> <p>Work Completed includes:</p> <ul style="list-style-type: none"> <li>▶ Paleontologist processed and prepared specimens for submittal to local museums</li> <li>▶ Project Closeout</li> </ul>
Percent Construction Complete:	100%
Percent Contractor Invoiced:	100%
Percent Schedule Elapsed:	137%

## Section 2 - Listing of Change Orders

Change Order No.:	2
Change Order Amount:	(\$1,552.20)
Description of Work:	<p>Work included in Change Order No. 2:</p> <ul style="list-style-type: none"> <li>▶ Deduction of unused quantities from Bid Schedule</li> <li>▶ Rubberized mix in cap paving along Vine Avenue</li> <li>▶ Disinfection of pipelines for additional lateral in Francisquito</li> <li>▶ Connections between existing irrigation services and new</li> <li>▶ Additional tee installation</li> <li>▶ Addition installation of 12-inch pipe</li> <li>▶ Address utility conflicts not shown on plans</li> <li>▶ Additional asphalt in trench along Azusa Ave. per City of West Covina requirement</li> <li>▶ Surry seal along Vine Avenue.</li> </ul>
Revised Contract Amount:	\$1,909,755.80
Change in Schedule:	<ul style="list-style-type: none"> <li>▶ Additional <b>46</b> Working Days was required for this work.</li> </ul>

## Section 3 - Problems Encountered

Problems Encountered:	No problems encountered.
Proposed Resolution:	No resolutions needed.
Schedule for Resolution:	No schedule for resolution needed.
Status of Previous Problem Resolution:	Additional time for completing the work was provided to the contractor, resulting in a final contractual construction end date of August 23, 2011.

## Section 4 - Number of Jobs Created

Number of Jobs Created or Preserved by Phase 2 Project ((October 1, 2011 - December 31, 2011)):	<b>0.25<sup>1</sup></b> full time equivalent <sup>2</sup> jobs created due to the Project.
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<sup>1</sup> Jobs retained included associate level, professional level and senior level engineers who focus on the design of the project. Additional jobs retained include a project manager and project administrator who focus on schedule and financial aspects of the project as well as surveyors and mapping professionals.

<sup>2</sup> Full time equivalent is a measure of the size of employees that takes account of part-time employees. It is calculated by dividing the number of working hours for all employees per week by the standard full-time hours (40 hours).